PROGRAM

Tuesday, March 6

6:30 p.m. WINE TASTING Pavilion

8:00 p.m. DINNER International Room

Wednesday, March 7

7:00 - 9:00 a.m. BREAKFAST BUFFET

9:00 a.m. - 12:30 p.m. SCIENTIFIC SESSION I

INTRODUCTION John D. Brunzell

MOLECULAR MECHANISMS OF DISEASE, PART I

Leader: Jean-Marc Lalouel

Lipoprotein lipase gene mutations Michael R. Hayden

Lipoprotein lipase deficiency

Michael C. Schotz

In pact of Structure on Function

Apo E Leiden and other variants

Karl H. Weisgraber

6:00- 7:30 p.m. DINNER Coronet Room 7:30-10:30 p.m. SCIENTIFIC SESSION II

FUNCTIONS OF MODIFIED LDL

Leader: Joseph L. Witztum

Modified LDL and cytokine gene regulation Judith A. Berliner

Endothelial cell-dependent relaxation factor Philip D. Henry

Lipoxygenase in macrophages: relation to oxidation of LDL Sampath Parthasarathy

Thursday, March 8

7:00 - 9:00 a.m. BREAKFAST BUFFET

9:00 a.m. - 12:30 p.m. SCIENTIFIC SESSION III

BODY FAT DISTRIBUTION AND DYSLIPIDEMIA

Leader: Ronald M. Krauss

Genetic determinants of body fat distribution Claude Bouchard

> Familial dyslipidemic hypertension Roger R. Williams

> > 6:00 - 7:30 p.m. DINNER The Viceroy

7:30 - 10:30 p.m. SCIENTIFIC SESSION IV

MOLECULAR MECHAPISMS OF DISEASE, PART II

Leader: Alan Chait

Apo E expression in transgenic mice John M. Taylor

Apo E expression in transfected cells

Brian D. Blackhart

Friday, March 9

7:00 - 9:00 a.m. BREAKFAST BUFFET

9:00 - 12:30 p.m. SCIENTIFIC SESSION V

FUNCTION OF LIPOPROTEIN RECEPTORS

Leader: Richard J. Havel

The LDL receptor-related protein and apo E () ()

Joseph L. Goldstein

The TG-rich VLDL receptor William A. Bradley

Structure-function of the HDL receptor John F. Oram

Breakfasts will be served in the Garden Room.

The Scientific Sessions will be held in the Dover Complex.

PARTICIPANTS AND INVITED GUESTS

Alfred W. Alberts, Merck Sharp & Dohme Research Laboratories, Rahway, NJ Detley Ameis, University of Eppendorf, Hamburg Melissa A. Austin, University of Washington, Seattle Salman Azhar, Veterans Administration Hospital, Palo Alto Carole L. Banka, Research Institute of Scripps Clinic, La Jolla Hugh R. Barrett, University of Washington, Seattle William F. Beltz, University of California, San Diego Judith A. Berliner, University of California, Los Angeles Edwin L. Bierman, University of Washington, Seattle Brian D. Blackhart, Gladstone Foundation Laboratories, San Francisco Claude Bouchard, Laval University, Quebec fanet K. Boyles, Gladstone Foundation Laboratories, San Francisco William A. Bradley, University of Alabama, Birmingham John D. Brunzell, University of Washington, Seattle Hisa M. Campos, University of California, San Francisco Hannia Campos, Lawrence Berkeley Laboratory, UCB Alan Chait, University of Washington, Seattle Yii-Der Ida Chen, Stanford University, Palo Alto Allen D. Cooper, Research Institute, Palo Alto Medical Foundation Linda K. Curtiss, Research Institute of Scripps Clinic, La Jolla Samir S. Deeb, University of Washington, Seattle Bart Duell, University of Washington, Seattle Cheryl A. Dyer, Research Institute of Scripps Clinic, La Jolla John Llovson, VA Wadsworth Medical Center, UCLA Sandra K. Erickson, VA Medical Center, UCSF Alan M. Fogelman, University of California, Los Angeles David M. Foster, University of Washington, Seattle Philip H. Frost, University of California, San Francisco Dennis I, Goldberg, Pfizer Inc. Groton, CT

David A. Gordon, Bristol-Myers Squibb Company, Wallingford, CT Richard E. Gregg, Squibb Institute for Medical Research, Princeton, NI Carl Grunfeld, Veterans Administration Medical Center, San Francisco

Joseph L. Goldstein, University of Texas Health Science Center, Dallas

Robert L. Hamilton, University of California, San Francisco

Richard J. Havel, University of California, San Francisco Michael R. Hayden, University of British Columbia, Vancouver

Philip D. Henry, Baylor College of Medicine, Houston

Bjorn M. Hokland, University of Washington, Seattle

M. Mahmood Hussain, Gladstone Foundation Laboratories, San Francisco

Thomas L. Innerarity, Gladstone Foundation Laboratories, San

Per Henrik Iverius, University of Utah, Salt Lake City John P. Kane, University of California, San Francisco Philip A. Kern, Cedars-Sinai Medical Center, Los Angeles Andrew S. Khouw, University of California, San Diego Todd G. Kirchgessner, University of California, Los Angeles Robert H. Knopp, University of Washington, Seattle Kevin J. Kobalter, University of California, San Diego Fredric B. Kraemer, Stanford University, Palo Alto Ronald M. Krauss, Lawrence Berkeley Laboratory, UCB

Michael La Belle, Lawrence Berkeley Laboratory, UCB Jean-Marc Lalouel, University of Utah, Salt Lake City Craig W. Laughton, Syntex Research Institute, Palo Alto Richard M. Lawn, Genentech, Inc., South San Francisco Frank T. Lindgren, Lawrence Berkeley Laboratory, UCB Aldons J. Lusis, University of California, Los Angeles Brigitte Mameche-Richard, University of California, San Diego Harmon C. McAllister, Council for Tobacco Research, New York Margarete Mehrabian, University of California, Los Angeles Armando J. Mendez, University of Washington, Seattle Thomas A. Musliner, Lawrence Berkeley Laboratory, UCB Roger S. Newton, Warner Lambert Company, Ann Arbor, MI John F. Oram, University of Washington, Seattle Wulf Palinski, University of California, San Diego Anuradha S. Pappu, Oregon Health Sciences University, Portland Sampath Parthasarathy, University of California, San Diego James R. Paterniti, Sandoz Research Institute, East Hanover, NJ Jonas O. Peterson, University of Washington, Seattle Ray C. Pittman, University of California, San Diego Debra L. Ponder, Ross Laboratories, Columbus, OH George J. Popjak, University of California, Los Angeles Haydn Pritchard, University of British Columbia, Vancouver Andrew Protter, California Biotechnology Inc., Mountain View Eve Reaven, Veterans Administration Medical Center, Palo Alto Peter Reaven, University of California, San Diego Michael E. Rosenfeld, University of California, San Diego Jerome 1. Rotter, Cedars-Sinai Hospital, Los Angeles Sheldon A. Schaffer, Cholestech Corporation, Hayward Michael C. Schotz, VA Wadsworth Medical Center, UCLA Verne N. Schumaker, University of California, Los Angeles David M. Shames, University of California, San Francisco R. Jean Shapiro, University of British Columbia, Vancouver Marie F. Sharkey, University of California, San Diego Ishaiahu Shechter, Gladstone Foundation Laboratories, San Francisco Richard S. Smith, Johnson & Johnson Biotechnology Center, San Diego Carl P. Sparrow, Merck Sharp & Dohme Research Laboratories, Rahway, NJ Arthur A. Spector, University of Iowa, Iowa City Olga Stein, Hadassah University Hospital, Jerusalem Yechezkiel Stein, Hadassah University Hospital, Jerusalem Daniel Steinberg, University of California, San Diego

Urs P. Steinbrecher, University of British Columbia, Vancouver Elizabeth E. Sundberg, Oregon Health Sciences University, Portland John M. Taylor, Gladstone Foundation Laboratories, San Francisco Brian J. Van Lenten, University of California, Los Angeles Karl H. Weisgraber, Gladstone Foundation Laboratories, San Francisco

Roger R. Williams, University of Utah, Salt Lake City

Dana E. Wilson, Veterans Administration Medical Center, Salt Lake

Joseph L. Witztum, University of California, San Diego Seppo Yla-Hentuala, University of California, San Diego Stephen G. Young, Gladstone Foundation Laboratories, San Francisco

THE 1990 DEUEL **CONFERENCE ON LIPIDS**

March 6 to 9

Hotel del Coronado Coronado, California

PROGRAM COMMITTEE

John D. Brunzell

Peter A. Edwards

Ronald M. Krauss

ADVISORY BOARD

John P. Kane, Chairman

Alfred W. Alberts Alan M. Fogelman Robert W. Mahley William E. Connor Arthur A. Spector

ARRANGEMENTS CHAIRMAN

Richard J. Havel

FINANCE CHAIRMAN

Edwin L. Bierman

TREASURER

Frank T. Lingren

This conference is made possible through the generosity and vision of the following sponsors:

BRISTOL-MYERS SOUIBB COMPANY CALIFORNIA BIOTECHNOLOGY INC. **CHOLESTECH CORPORATION** CIBA-GEIGY CORPORATION THE COUNCIL FOR TOBACCO RESEARCH, U.S.A., INC. **JOHNSON & JOHNSON BIOTECHNOLOGY CENTER** MERCK SHARP & DOHME RESEARCH INSTITUTE Division of Merck & Co., Inc. PFIZER INC.

THE PROCTER AND GAMBLE COMPANY ROSS LABORATORIES A Division of Abbott Laboratories SANDOZ RESEARCH INSTITUTE

THE SOUIBB INSTITUTE FOR MEDICAL RESEARCH SYNTEX RESEARCH INSTITUTE

Division of Syntex (U.S.A.) THE UPJOHN COMPANY

WARNER LAMBERT COMPANY